# Appendix T

# Planning Level Cost Estimates for Proposed Improvements

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.1 - Wisconsin Avenue and I	Faceanden Ctreet				
SHORT TERM IMPROVEMENTS	ressenden Street				
OHORT TERM IMIT ROVEMENTO	- Install "No Parking" sign with arrow (1)	SF	1.5	\$80	\$120
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	- Replace Faded signs (3)	SF	4.5	\$80	\$360
	- Restripe pedestrian crossing (2 crossings)	LF	267	\$3	\$800
	- Restripe all approaches	LF	2400	\$0.70	\$1,680
	- Optimize signal timings	LS	1	\$5,000	\$5,000
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	- Add lane use pavement markings (Arrows)	SF	72	\$6	\$432
	- Add parking "L" striping	LF	16	\$0.70	\$1
	- Install signal mast arms	EA	2	\$5,000	\$10,00
LONG TERM IMPROVEMENTS					
		LS	0	\$0	\$(
			Intersection	Subtotal =>	\$19,643
6.3.2 - Wisconsin Avenue and I	Ellicottt Street				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrow (1)	SF	1.5	\$80	\$120
	- Restripe pedestrian crossing (2 crossings)	LF	320	\$3	\$960
	- Add parking "L" striping	LF	48	\$0.70	\$34
	- Restripe all approaches	LF	2200	\$0.70	\$1,54
LONG TERM IMPROVEMENTS					
	- Repave roadway segment (side street)	SY	4236	\$20	\$84,71
	- Install signs to prohibit turns (1)	SF	6.25	\$80	\$500
	- Reconstruct 42nd St curb line (at Emery Place)	LS	1	\$25,000	\$25,000
			Intersection	Subtotal =>	\$112,865

					Unit	
Location		scription	Unit	Quantity	Price (A)	Total
6.3.3 - Wisconsin Avenue and Dave	nport Stree	et e e e e e e e e e e e e e e e e e e				
SHORT TERM IMPROVEMENTS						
	-	Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	-	Install "No Parking" sign with arrow	SF	3	\$80	\$240
	-	Restripe pedestrian crossing (1 crossing)	LF	120	\$3	\$360
	-	Restripe all approaches	LF	2100	\$0.70	\$1,470
	-	Add parking "L" striping	LF	64	\$0.70	\$45
	-	Replace faded signs (2)	SF	3	\$80.00	\$240
		Install signal mast arms	EA	2	\$5,000	\$10,000
LONG TERM IMPROVEMENTS						
	-	Install side street vehicular detection	EA	2	\$12,500	\$25,000
		Install pedestrian actuation equipment	LS	1	\$8,000	\$8,000
		Install equipment to modify signal to be semi-actuated	LS	1	\$25,000	\$25,000
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Intersection	Subtotal =>	\$70,595
6.3.4 - Wisconsin Avenue and Bran	dywine Str	eet				
SHORT TERM IMPROVEMENTS						
	-	Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	-	Install "No Parking" sign with arrows (3)	SF	4.5	\$80	\$360
	-	Restripe pedestrian crossing (2 crossings)	LF	273	\$3	\$820
	-	Restripe all approaches	LF	2200	\$0.70	\$1,540
	-	Optimize signal timings	LS	1	\$5,000	\$5,000
	-	Add parking "L" striping	LF	96	\$0.70	\$67
	-	Install signal mast arms	EA	2	\$5,000	\$10,000
LONG TERM IMPROVEMENTS						
	-	Reconstruct wheel chair ramps to ADA standards (1)	EA	1	\$5,000	\$5,000
	-	Install Wisconisn Ave. Left Turn vehicular detection	EA	2	\$12,500	\$25,000
	-	Install pedestrian actuation equipment	LS	1	\$8,000	\$8,000
	-	Install equipment to modify signal to be semi-actuated	LS	1	\$25,000	\$25,000
	-	Reconstruct curb lines at 41st St.	LS	1	\$25,000	\$25,000
	,,,,,,			Intersection	Subtotal =>	\$106,027

			Unit	
Description	Unit	Quantity	Price (A)	Total
le Food/Metro Entrance				
- Install "No Parking" signs (2)	SF	3	\$80	\$240
	LF	65	\$3	\$195
<ul> <li>Restripe all approaches</li> </ul>	LF	2000	\$0.70	\$1,400
- Install signal mast arms	EA	2	\$5,000	\$10,000
<ul> <li>Convert pedestrian count down signal across entrance</li> </ul>	EA	2	\$2,000	\$4,000
		•	+ - )	\$25,000
		•		\$50,000
<ul> <li>Reconstruct radius for right-turns</li> </ul>	LS	•	, -,	\$8,000
		Intersection	Subtotal =>	\$98,835
emarle Street				
		3		\$240
			7.7	\$240
<ul> <li>Restripe pedestrian crossing (4 crossing)</li> </ul>	LF	293	\$3	\$880
<ul> <li>Restripe all approaches</li> </ul>	LF	2300	\$0.70	\$1,610
<ul> <li>Optimize signal timings</li> </ul>	LS	1	\$5,000	\$5,000
- Add lane use signs (2)	SF	12.5	\$80	\$1,000
<ul> <li>Add lane use pavement markings (Arrows)</li> </ul>	SF	108	\$6	\$648
- Replace "No Parking" sign (1)	SF	12.5	\$80	\$1,000
- Install signal mast arms	EA	2	\$5,000	\$10,000
- Add parking "L" striping	LF	16	\$0.70	\$11
<ul> <li>Install Internally Illuminated "No Left Turn" signs (2)</li> </ul>	EA	2	, ,	\$4,000
		Intersection	Subtotal =>	\$24,629
	le Food/Metro Entrance  - Install "No Parking" signs (2) - Restripe pedestrian crossing (1 crossing) - Restripe all approaches - Install signal mast arms - Convert pedestrian count down signal across entrance  - Reconstruct SE quadrant curb line - Reconstruct River Road curb line - Reconstruct radius for right-turns  - Install "Speed Limit" signs (2) - Install "No Parking" sign with arrows (2) - Restripe pedestrian crossing (4 crossing) - Restripe all approaches - Optimize signal timings - Add lane use signs (2) - Add lane use pavement markings (Arrows) - Replace "No Parking" sign (1) - Install signal mast arms	le Food/Metro Entrance  - Install "No Parking" signs (2) SF - Restripe pedestrian crossing (1 crossing) LF - Restripe all approaches LF - Install signal mast arms EA - Convert pedestrian count down signal across entrance EA - Reconstruct SE quadrant curb line LS - Reconstruct River Road curb line LS - Reconstruct radius for right-turns LS  - Install "Speed Limit" signs (2) SF - Install "No Parking" sign with arrows (2) SF - Restripe pedestrian crossing (4 crossing) LF - Restripe all approaches LF - Optimize signal timings LS - Add lane use signs (2) SF - Replace "No Parking" sign (1) SF - Install signal mast arms EA - Add parking "L" striping LF	Install "No Parking" signs (2)  - Install approaches - Restripe pedestrian crossing (1 crossing) - Restripe all approaches - Install signal mast arms - Convert pedestrian count down signal across entrance - Reconstruct SE quadrant curb line - Reconstruct River Road curb line - Reconstruct River Road curb line - Reconstruct radius for right-turns - Reconstruct radius for right-turns - Install "Speed Limit" signs (2) - Install "No Parking" sign with arrows (2) - Restripe pedestrian crossing (4 crossing) - Restripe all approaches - Restripe all approaches - Add lane use signs (2) - Add lane use pavement markings (Arrows) - Replace "No Parking" sign (1) - Replace "No Parking" sign (2) - Replace "No Parking" sign (1) - Replace "No Parking" sign (2) - Replace "N	Description   Unit   Quantity   Price (A)

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.7 to 6.3.10 - Tenley Circle Lo	ocation #1 - #4 and Windom Place, Warren Street, and Veazey Street				
SHORT TERM IMPROVEMENTS					
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Reallocate signal timing	LS	1	\$5,000	\$5,000
	- Restripe pedestrian crossing (2 crossings)	LF	72	\$3	\$216
	- Install pedestrian crossing signs (6 signs)	SF	38	\$80	\$3,000
	<ul> <li>Optimize signal timings</li> </ul>	LS	1	\$5,000	\$5,000
	- Restripe all approaches	LF	2400	\$0.70	\$1,680
	- Add lane use signs (2)	SF	16	\$80	\$1,280
LONG TERM IMPROVEMENTS					
	- Remove 1st 4 parking spaces	LF	32	\$15	\$480
	- Repave roadway segment	SY	1350	\$20	\$27,000
			Intersection	Subtotal =>	\$53,656
6.3.11 - Wisconsin Avenue and	Van Ness Street				
SHORT TERM IMPROVEMENTS					
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	- Restripe pedestrian crossing (2 crossings)	LF	427	\$3	\$1,280
	- Restripe all approaches	LF	2300	\$0.70	\$1,610
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	<ul> <li>Add lane use pavement markings (Arrows)</li> </ul>	SF	108	\$6	\$648
	- Add parking "L" striping	LF	32	\$0.70	\$22
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Replace Faded signs (1)	SF	1.5	\$80	\$120
LONG TERM IMPROVEMENTS	Demana 2 monthing angers		0.4	Φ4 <i>E</i>	<b>#</b> 200
	- Remove 3 parking spaces	LF OV	24	\$15 ************************************	\$360
	- Repave roadway segment	SY	929	\$20	\$18,57
	- Reconstruct SE quadrant curb line at Van Ness St.	LS	11	\$25,000	\$25,000
	- Reconstruct NE quadrant curb line at 39th St.	LS	1	\$25,000	\$25,00
	- Install Internally Illuminated "No Left Turn" signs (2)	EA	2	\$2,000 Subtotal =>	\$4,000 <b>\$87,852</b>

					Unit	
Location	Description		Unit	Quantity	Price (A)	Total
6.3.12 - Wisconsin Avenue and Up	on Street					
SHORT TERM IMPROVEMENTS						
	- Install "S	peed Limit" signs (2)	SF	3	\$80	\$240
	- Restripe	pedestrian crossing (2 crossings)	LF	360	\$3	\$1,080
	- Restripe	east approache	LF	200	\$0.70	\$140
	- Optimize	signal timings	LS	1	\$5,000	\$5,000
		use signs (2)	SF	12.5	\$80	\$1,000
	<ul> <li>Add lane</li> </ul>	use pavement markings (Arrows)	SF	108	\$6	\$648
		gnal mast arms	EA	2	\$5,000	\$10,000
		faded signs (2)	SF	3	\$80	\$240
LONG TERM IMPROVEMENTS						
	- Repave r	oadway segment	SY	457	\$20	\$9,143
	- Reconstr	ruct wheel chair ramps to ADA standards	EA	3	\$5,000	\$15,000
		·		Intersection	Subtotal =>	\$42,491
6.3.13 - Wisconsin Avenue at Fann	ie Mae Parking Entra	ince				
SHORT TERM IMPROVEMENTS	<u> </u>					
	- Install "S	peed Limit" signs (2)	SF	3	\$80	\$240
		pedestrian crossing (2 crossings)	LF	227	\$3	\$680
		all approaches	LF	2000	\$0.70	\$1,400
	•	signal timings	LS	1	\$5,000	\$5,000
LONG TERM IMPROVEMENTS						
	- Increase	radius for right turn into Post Officeparking lot	LS	1	\$10.000	\$10,000
		t wheel chair ramps to ADA standards	EA	4	\$5.000	\$20.000
	230			Intersection	1 - ,	\$37,320

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.14 - Wisconsin Avenue and R	odman Street				
SHORT TERM IMPROVEMENTS					
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	- Install "No Parking" sign with arrow (2)	SF	3	\$80	\$240
	<ul> <li>Restripe pedestrian crossing (3 crossing)</li> </ul>	LF	313	\$3	\$940
	- Restripe all approaches	LF	2100	\$0.70	\$1,470
	<ul> <li>Add parking "L" striping</li> </ul>	LF	48	\$0.70	\$34
	- Install signal mast arms (2)	EA	2	\$5,000	\$10,00
	- Replace Faded signs (1)	SF	1.5	\$80	\$120
LONG TERM IMPROVEMENTS				400	
	- Repave roadway segment (Wisconsin Ave.)	SY	389	\$20	\$7,778
	<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	1	\$5,000	\$5,00
			Intersection	Subtotal =>	\$25,821
	orter Street, Idaho Avenue, and Norton Place				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrow (2)	SF	3	\$80	\$240
	- Install "No Parking" signs (1)	SF	1.5	\$80	\$12
	- Install "Speed Limit" signs (1)	SF	1.5	\$80	\$12
	- Install "Do Not Enter" sign (2)	SF	6	\$80	\$48
	<ul> <li>Restripe pedestrian crossing (2 crossings) at Porter Street</li> </ul>	LF	120	\$3	\$36
	<ul> <li>Restripe pedestrian crossing (1 crossings) at Idaho Avenue</li> </ul>	LF	80	\$3	\$24
	<ul> <li>Restripe pedestrian crossing (1 crossings) at Norton Place</li> </ul>	LF	60	\$3	\$18
	- Restripe all approaches	LF	2130	\$0.70	\$1,49
	<ul> <li>Add parking "L" striping</li> </ul>	LF	65	\$0.70	\$4
	D   ( III D     II   (0)			<b>Φ</b> 00	\$24
	- Relocate "No Parking" sign with arrow (2)	SF	3	\$80	\$24
	- Relocate "No Parking" sign with arrow (2) - Install signal mast arms (2)	SF EA	3 2	\$5,000	*
	· · · · · · · · · · · · · · · · · ·			,	*
LONG TERM IMPROVEMENTS	· · · · · · · · · · · · · · · · · ·			,	\$10,00
LONG TERM IMPROVEMENTS	Install signal mast arms (2)  Reconstruct wheel chair ramps to ADA standards	EA EA	2	\$5,000 \$5,000	\$10,00 \$10,00
LONG TERM IMPROVEMENTS	Install signal mast arms (2)      Reconstruct wheel chair ramps to ADA standards     Install pedestrian head with count-down signals	EA EA EA	2	\$5,000	\$10,00 \$10,00
LONG TERM IMPROVEMENTS	Install signal mast arms (2)      Reconstruct wheel chair ramps to ADA standards     Install pedestrian head with count-down signals     Reconstruct Idaho/Ordway curb line	EA EA EA LS	2	\$5,000 \$5,000	\$10,00 \$10,00 \$10,00
LONG TERM IMPROVEMENTS	Install signal mast arms (2)      Reconstruct wheel chair ramps to ADA standards     Install pedestrian head with count-down signals	EA EA EA LS SF	2 2 2 1 1.5	\$5,000 \$5,000 \$5,000 \$30,000 \$80	\$10,000 \$10,000 \$10,000 \$30,000
LONG TERM IMPROVEMENTS	Install signal mast arms (2)      Reconstruct wheel chair ramps to ADA standards     Install pedestrian head with count-down signals     Reconstruct Idaho/Ordway curb line	EA EA EA LS	2 2 2 2 1	\$5,000 \$5,000 \$5,000 \$30,000	\$10,000 \$10,000 \$10,000 \$30,000 \$120 \$120

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.16 - Wisconsin Avenue and	d Newark Street				
SHORT TERM IMPROVEMENTS					
	- Restripe pedestrian crossing	LF	393	\$3	\$1,180
	- Restripe all approaches	LF	2200	\$0.70	\$1,540
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	- Add lane use pavement markings (Arrows)	SF	108	\$6	\$648
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Replace Faded signs (4)	SF	6	\$80	\$480
	- Fix twisted signs (1)	EA	1	\$80	\$80
LONG TERM IMPROVEMENTS					
	<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	3	\$5,000	\$15,000
			Intersection	Subtotal =>	\$29,928
6.3.17 - Wisconsin Avenue and	d Macomb Street				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrows (2)	SF	3	\$80	\$240
	- Restripe pedestrian crossing (2 crossingss)	LF	125	\$3	\$375
	- Restripe all approaches	LF	2100	\$0.70	\$1,470
	- Add parking "L" striping	LF	32	\$0.70	\$22
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	<u> </u>				
LONG TERM IMPROVEMENTS					
	None				\$0
			Intersection	Subtotal =>	\$12,347

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.18 - Wisconsin Avenue and	Woodley Road				
SHORT TERM IMPROVEMENTS	•				
	- Install "No Parking" signs (2)	SF	3	\$80	\$240
	- Restripe pedestrian crossing (2 crossingsss)	LF	387	\$3	\$1,160
	- Restripe all approaches	LF	2100	\$0.70	\$1,470
	- Optimize signal timings	LS	1	\$5,000	\$5,000
	- Install signal mast arms	EA	1	\$5,000	\$5,000
LONG TERM IMPROVEMENTS					
		LS			\$(
		LS			Ψ
		LO	Intersection	Subtotal =>	\$12,870
		LS		Subtotal =>	\$12,870
6.3.19 - Wisconsin Avenue and	Cathedral Avenue (signal only on southbound), and Cathedral Avenu				\$12,870
6.3.19 - Wisconsin Avenue and SHORT TERM IMPROVEMENTS	Cathedral Avenue (signal only on southbound), and Cathedral Avenu				\$12,870
					\$12,870
	- Restripe pedestrian crossing (4 crossing)	e and Mas	ssachusett	s Avenue	\$12,870
	Restripe pedestrian crossing (4 crossing)     Restripe all approaches	e and Mas	ssachusett:	s Avenue	<b>\$12,870</b> \$1,280
	- Restripe pedestrian crossing (4 crossing)	le and Mas	ssachusett:	\$ <b>Avenue</b> \$3 \$0.70	\$12,870 \$1,280 \$805 \$5,000
	<ul> <li>Restripe pedestrian crossing (4 crossing)</li> <li>Restripe all approaches</li> <li>Optimize signal timings at Cathedral Ave./Massachusetts Ave.</li> </ul>	LF LF LF LS	427 1150 1	\$ <b>Avenue</b> \$3 \$0.70 \$5,000	\$12,870 \$1,280 \$800 \$5,000 \$1,000
	<ul> <li>Restripe pedestrian crossing (4 crossing)</li> <li>Restripe all approaches</li> <li>Optimize signal timings at Cathedral Ave./Massachusetts Ave.</li> <li>Add lane use signs (2)</li> </ul>	LF LF LS SF	427 1150 1 12.5	\$ <b>Avenue</b> \$3 \$0.70 \$5,000 \$80	\$12,870 \$1,280 \$805 \$5,000 \$1,000 \$648
	<ul> <li>Restripe pedestrian crossing (4 crossing)</li> <li>Restripe all approaches</li> <li>Optimize signal timings at Cathedral Ave./Massachusetts Ave.</li> <li>Add lane use signs (2)</li> </ul>	LF LF LS SF	427 1150 1 12.5	\$ <b>Avenue</b> \$3 \$0.70 \$5,000 \$80	\$12,870 \$1,280 \$808 \$5,000 \$1,000
SHORT TERM IMPROVEMENTS	<ul> <li>Restripe pedestrian crossing (4 crossing)</li> <li>Restripe all approaches</li> <li>Optimize signal timings at Cathedral Ave./Massachusetts Ave.</li> <li>Add lane use signs (2)</li> </ul>	LF LF LS SF	427 1150 1 12.5	\$ <b>Avenue</b> \$3 \$0.70 \$5,000 \$80	\$12,870 \$1,280 \$805 \$5,000 \$1,000 \$648

					Unit	
Location	Description		Unit	Quantity	Price (A)	Total
6.3.20 - Wisconsin Avenue and	Massachusetts Avenue					
SHORT TERM IMPROVEMENTS						
	- Install "No	Parking" signs (1)	SF	1.5	\$80	\$12
	<ul> <li>Restripe p</li> </ul>	edestrian crossing (4 crossing)	LF	587	\$3	\$1,76
		III approaches	LF	2200	\$0.70	\$1,54
	- Optimize s	signal timings	LS	1	\$5,000	\$5,00
	- Install "Sp	eed Limit" signs (2)	SF	3	\$80	\$24
	- Relocate '	'Speed Limit" sign (1)	SF	1.5	\$80	\$12
	- Fix twisted	d signs (2)	EA	2	\$80	\$16
LONG TERM IMPROVEMENTS						
	- Install Inte	rnally Illuminated "No Left Turn" signs (2)	EA	2	\$2,000	\$4,00
				Intersection	Subtotal =>	\$12,940
6.3.21 - Wisoconsin Avenue ar	d Garfield Street					
SHORT TERM IMPROVEMENTS						
	- Restripe p	edestrian crossing	LF	360	\$3	\$1,08
		III approaches	LF	2200	\$0.70	\$1,54
		signal timings	LS	1	\$5,000	\$5,00
		use signs (2)	SF	12.5	\$80	\$1,00
		nal mast arms	EA	1	\$5,000	\$5,00
		aded signs (1)	SF	1.5	\$80	\$12
LONG TERM IMPROVEMENTS						
	None					\$
				Intersection		\$13,740

			Unit	
Description	Unit	Quantity	Price (A)	Total
munds Street				
- Restripe pedestrian crossing (1 Crossing)	LF	120	\$3	\$360
- Restripe all approaches	LF	2000	\$0.70	\$1,400
- Install signal mast arms	EA	2	\$5,000	\$10,000
- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	1	\$5,000	\$5,000
<ul> <li>Install side street vehicular detection</li> </ul>	EA	2	\$12,500	\$25,000
<ul> <li>Install pedestrian actuation equipment</li> </ul>	LS	1	\$8,000	\$8,000
<ul> <li>Install equipment to modify signal to be semi-actual</li> </ul>	ted LS	1	\$25,000	\$25,000
		Intersection	Subtotal =>	\$75,000
vert Street				
- Restripe all approaches	LF	1800	\$0.70	\$1,260
	LS	2	\$5,000	\$10,000
	EA	4	\$5,000	\$20,000
<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	3	\$5,000	\$15,000
- Reconstruct SE quadrant curb line	LS	1	\$25,000	\$25,000
·		Intersection	Subtotal =>	\$71,260
	- Restripe pedestrian crossing (1 Crossing) - Restripe all approaches - Install signal mast arms - Install "Speed Limit" signs (2)  - Reconstruct wheel chair ramps to ADA standards - Install side street vehicular detection - Install pedestrian actuation equipment - Install equipment to modify signal to be semi-actual    Ivert Street	restripe pedestrian crossing (1 Crossing)  - Restripe all approaches - Install signal mast arms - Install "Speed Limit" signs (2)  - Reconstruct wheel chair ramps to ADA standards - Install side street vehicular detection - Install pedestrian actuation equipment - Install equipment to modify signal to be semi-actuated  - Restripe all approaches - Optimize signal timings - Install signal mast arms - Reconstruct wheel chair ramps to ADA standards - Restripe all approaches - Restripe	remunds Street  - Restripe pedestrian crossing (1 Crossing) - Restripe all approaches - Install signal mast arms - Install signal mast arms - Reconstruct wheel chair ramps to ADA standards - Reconstruct wheel chair ramps to equipment - Install pedestrian actuation equipment - Install equipment to modify signal to be semi-actuated - Install equipment to modify signal to be semi-actuated - Restripe all approaches - Restripe all approaches - Install signal mast arms - Reconstruct wheel chair ramps to ADA standards - Reconstruct SE quadrant curb line  LF 1800 - Reconstruct SE quadrant curb line	Description         Unit         Quantity         Price (A)           munds Street           -         Restripe pedestrian crossing (1 Crossing)         LF         120         \$3           -         Restripe all approaches         LF         2000         \$0.70           -         Install signal mast arms         EA         2         \$5,000           -         Install "Speed Limit" signs (2)         SF         3         \$80           -         Reconstruct wheel chair ramps to ADA standards         EA         1         \$5,000           -         Install side street vehicular detection         EA         2         \$12,500           -         Install pedestrian actuation equipment         LS         1         \$25,000           -         Install equipment to modify signal to be semi-actuated         LS         1         \$25,000           -         Intersection Subtotal =>           Ivert Street           -         Restripe all approaches         LF         1800         \$0.70           -         Optimize signal timings         LS         2         \$5,000           -         Install signal mast arms         EA         4         \$5,000           -         Reconstruct w

					Unit	
Location	De	scription	Unit	Quantity	Price (A)	Total
6.3.24 - Wisconsin Avenue at Wh	ole Food Ent	rance in Georgetown				
	-	Reallocate signal timing	LS	1	\$5,000	\$5,000
	-	Restripe pedestrian crossing (1 Crossing)	LF	107	\$3	\$320
	-	Restripe all approaches	LF	1200	\$0.70	\$840
	-	Install "No Turn on Red" sign (1)	SF	1	\$80	\$80
LONG TERM IMPROVEMENTS						
LONG TERM IMPROVEMENTS		Decemptricat wheel sheir remne to ADA standards	EA	4	<b>¢</b> E 000	<b>¢E 000</b>
		Reconstruct wheel chair ramps to ADA standards	EA	Intersection	\$5,000	\$5,000
				miersection	Subiolai =>	\$11,240
6.3.25 - Wisconsin Avenue and H	all Place and	W Street				
SHORT TERM IMPROVEMENTS						
	-	Restripe pedestrian crossing (2 crossingss) at Hall Pl.	LF	287	\$3	\$860
	-	Restripe pedestrian crossing (2 crossingss) at W St.	LF	287	\$3	\$860
	-	Restripe all approaches	LF	1200	\$0.70	\$840
	-	Install signal mast arms	EA	2	\$5,000	\$10,000
	-	Replace Faded signs (4)	SF	6	\$80	\$480
	-	Install "Speed Limit" signs (2)	SF	3	\$80	\$240
LONG TERM IMPROVEMENTS						
LONG TERM IMPROVEMENTS		Reconstruct wheel chair ramps to ADA standards	FΔ	2	\$5,000	\$10,000
		reconstruct wheel onail ramps to ADA standards	LA		Subtotal =>	\$23,280
	-	Reconstruct wheel chair ramps to ADA standards	EA	2 Intersection	\$5,000 Subtotal =>	

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.26 - Wisconsin Avenue and V	Vhitehaven Street				
SHORT TERM IMPROVEMENTS					
	- Restripe pedestrian crossing	LF	200	\$3	\$600
	- Restripe all approaches	LF	700	\$0.70	\$490
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Fix twisted signs (1)	EA	1	\$80	\$80
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
LONG TERM IMPROVEMENTS					
	<ul> <li>Install school flashers</li> </ul>	LS	1	\$5,000	\$5,000
			Intersection	Subtotal =>	\$16,410
6.3.27 - Wisconsin Avenue and V	Vhitehaven Parkway				
SHORT TERM IMPROVEMENTS	<u> </u>				
	- Install "School Zone Ahead" sign (1)	SF	1.5	\$80	\$120
	- Restripe pedestrian crossing	LF	187	\$3	\$560
	- Restripe all approaches	LF	750	\$0.70	\$525
	- Fix Tilting Signal Pole	EA	1	\$2,500	\$2,500
	- Fix "Twisted" sign (1)	SF	1.5	\$80	\$120
	- Install "Speed Limit" signs (2)	SF	3	\$80	\$240
	- Install signal mast arms	EA	2	\$5,000	\$10,000
	- Replace Faded signs (2)	SF	3	\$80	\$240
LONG TERM IMPROVEMENTS					
	None				\$0
			Intersection		\$14,305

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.28 - River Road and 42nd Stre	eet and Brandywine Street				
SHORT TERM IMPROVEMENTS	•				
	- Reallocate signal timing	LS	1	\$5,000	\$5,000
	- Restripe pedestrian crossing	LF	1040	\$3	\$3,120
	- Restripe all approaches	LF	600	\$0.70	\$420
	- Install "Do Not Block Intersection" signs (2)	SF	3	\$80	\$240
	- Fix "Twisted" sign (1)	SF	1.5	\$80	\$120
	- Trim vegetation	LS	1	\$3,000	\$3,000
LONG TERM IMPROVEMENTS					
	<ul> <li>Modify island beteen 42nd St. and River Rd.</li> </ul>	LS	1	\$1,000	\$1,000
	<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	2	\$5,000	\$10,000
			Intersection	Subtotal =>	\$22,900
6.3.29 - Nebraska Avenue and All	bemarle Street				
SHORT TERM IMPROVEMENTS					
	- Remove vegetation	LS	1	\$3,000	\$3,000
	- Restripe pedestrian crossing	LF	287	\$3	\$860
	- Restripe all approaches	LF	400	\$0.70	\$280
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	- Add lane use pavement markings (Arrows)	SF	108	\$6	\$648
	- Install intersection warning sign (1)	SF	1.5	\$80	\$120
LONG TERM IMPROVEMENTS					
	- Reconstruct NW quadrant curb line	LS	1	\$15,000	\$15,000
	-			Subtotal =>	\$20,908

					Unit	
Location	Description		Unit	Quantity	Price (A)	Total
6.3.30 - River Road and Chesa	peake Street NW					
SHORT TERM IMPROVEMENTS						
	- Remove vegetation		LS	1	\$3,000	\$3,000
	<ul> <li>Restripe pedestrian crossing</li> </ul>		LF	507	\$3	\$1,520
	- Restripe all approaches		LF	1000	\$0.70	\$700
	<ul> <li>Install "Do Not Block Intersection</li> </ul>	tion" sign (1)	SF	1.5	\$80	\$120
	<ul> <li>Repair poor pavement</li> </ul>	• • •	SY	272	\$20	\$5,444
LONG TERM IMPROVEMENTS						
	None					\$0
				Intersection	Subtotal =>	\$10,784
6.3.31 - Albermarle and Fort D	rive/40th Street					
SHORT TERM IMPROVEMENTS						
	<ul> <li>Restripe pedestrian crossing</li> </ul>		LF	367	\$3	\$1,100
	- Restripe all approaches		LF	500	\$0.70	\$350
	- Add lane use signs (3)		SF	18.75	\$80	\$1,500
	- Add lane use pavement mark	kings (Arrows)	SF	108	\$6	\$648
	- Replace Faded sign (1)	,	SF	1.5	\$80	\$120
	- Install "No Parking" sign with	arrow (1)	SF	1.5	\$80	\$120
	- Install "Do Not Block Intersec		SF	1.5	\$80	\$120
	<ul> <li>Add parking "L" striping</li> </ul>	<u> </u>	LF	32	\$0.70	\$22
LONG TERM IMPROVEMENTS						
	<ul> <li>Consider four-way stop contr</li> </ul>	ol				
	<ul> <li>Change Parking Restrictions</li> </ul>		SF	1.5	\$80	\$120
				Intersection Subtotal =>		\$4,100

			Unit	
Description	Unit	Quantity	Price (A)	Total
1W				
- Restripe pedestrian crossing	LF	267	\$3	\$800
- Restripe all approaches	LF	1000	\$0.70	\$700
- Add parking "L" striping	LF	160	\$0.70	\$112
- Replace Faded sign (2)	SF	3	\$80	\$240
- Fix "Twisted" sign (2)	SF	3	\$80	\$240
- None				
		Intersection	Subtotal =>	\$2,092
ess Street				
- Install "No Parking" signs (3)	SF	4.5	\$80	\$360
	LF	387	\$3	\$1,160
	LF	800	\$0.70	\$560
	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			
- Install pedestrian head with count-down signals	EA	2	\$5,000	\$10,000
	LS	1	\$8,000	\$8,000
- Construct new sidewalk	SF	717	\$25	\$17,917
		l=4=====4:==	C., b4-4-1 ->	\$37,997
	- Restripe pedestrian crossing - Restripe all approaches - Add parking "L" striping - Replace Faded sign (2) - Fix "Twisted" sign (2)  - None  - None  - Install "No Parking" signs (3) - Restripe pedestrian crossing (4 crossing) - Restripe all approaches  - Install pedestrian head with count-down signals - Install pedestrian actuation equipment	- Restripe pedestrian crossing	- Restripe pedestrian crossing LF 267 - Restripe all approaches LF 1000 - Add parking "L" striping LF 160 - Replace Faded sign (2) SF 3 - Fix "Twisted" sign (2) SF 3  - None Intersection  ST 4.5 - Restripe pedestrian crossing (4 crossing) LF 387 - Restripe pedestrian crossing (4 crossing) LF 387 - Restripe all approaches LF 800  - Install pedestrian head with count-down signals EA 2 - Install pedestrian actuation equipment LS 1 - Construct new sidewalk SF 717	Note   Note

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.34 - Garfield Street and 34	th Street NW				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrow (1)	SF	1.5	\$80	\$120
	- Restripe pedestrian crossing (4 crossing)	LF	387	\$3	\$1,160
~~~~	- Restripe all approaches	LF	400	\$0.70	\$280
LONG TERM IMPROVEMENTS					
	- Remove parking on 34th St. SB approach	LF	50	\$0.70	\$35
	1 0 11		Intersection	Subtotal =>	\$1,595
6.3.35 - Cleaveland Avenue ar	nd 34th Street NW				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrow (1)	SF	1.5	\$80	\$120
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	- Add lane use pavement markings				
	- Restripe pedestrian crossing (1 crossing)	LF	113	\$3	\$340
	- Add parking "L" striping	LF	32	\$0.70	\$22
	- Restripe all approaches	LF	400	\$0.70	\$280
	- Replace faded "No Parking"sign (1)	SF	1.5	\$80	\$120
	- Replace 34th St. signal arrow	EA	2	\$300	\$600
LONG TERM IMPROVEMENTS					
	<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	2	\$5,000	\$10,000
	·		Intersection	01-4-4-1	\$12,482

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.36 - Newark St and 34th Street NW					
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" signs (2)	SF	3	\$80	\$240
	- Restripe pedestrian crossing (4 crossing)	LF	127	\$3	\$380
	- Restripe all approaches	LF	400	\$0.70	\$280
	- Trim vegetation	LS	1	\$3,000	\$3,000
LONG TERM IMPROVEMENTS					
	- None				
			Intersection	Subtotal =>	\$3,900
6.3.37 - Calvert Street 37th Street NW					
SHORT TERM IMPROVEMENTS					
	- See Wscinson Ave. at Calvert St.				
LONG TERM IMPROVEMENTS					
	- None				
			Intersection	Subtotal =>	\$0

#### **PLANNING COST ESTIMATES SHORT & LONG TERM IMPROVEMENTS**

				Unit	
Location	Description	Unit	Quantity	Price (A)	Total
6.3.38 - Tunlaw Place and 37th Stree	et NW				
SHORT TERM IMPROVEMENTS					
	- Replace faded "No Parking" sign with arrow (1)	SF	1.5	\$80	\$120
	- Restripe pedestrian crossing (4 crossing)	LF	313	\$3	\$940
	- Restripe all approaches	LF	400	\$0.70	\$280
	- Add lane use signs (2)	SF	12.5	\$80	\$1,000
	<ul> <li>Add lane use pavement markings (Arrows)</li> </ul>	SF	108	\$6	\$648
	- Remove 2 additional STOP signs	LS	1	\$50	\$50
	- Repair poor pavement	SY	117	\$20	\$2,333
LONG TERM IMPROVEMENTS					
	None				\$0
			Intersection	Subtotal =>	\$5,371
6.3.39 - Massachusetts and 38th Str	reet NW				
SHORT TERM IMPROVEMENTS					
	- Install "No Parking" sign with arrows (4)	SF	6	\$80	\$480
	- Restripe all approaches	LF	430	\$0.70	\$301
LONG TERM IMPROVEMENTS					
	<ul> <li>Reconstruct wheel chair ramps to ADA standards</li> </ul>	EA	2	\$5,000	\$10,000
	- Install pedestrian crossing, if warranted (1 crossing)	LF	73	\$3	\$220
			Intersection	Subtotal =>	\$11,001

\$1,182,675

\$1,190,000 Notes:

A) Unit prices developed based on information provided by the District of Columbia Department of Public Works and other recent metro-area construction pricing sources

B) Sketch-plan estimates. Actual improvement cost estimates to be calculated upon design completion of each improvement. All costs exclusive of Right-of-Way acquisition costs